

The 2008 Regional Transportation Plan

Making—the—Connections



What is the RTP?



The RTP is...

- Our collective vision of the future of our region's transportation system
- The framework for investing in our transportation system over the long run



The RTP is...

- Mandated by the federal government
- Required for federal and state funding
- Required for federal NEPA clearance
- A tool to help our region comply with air quality mandates



The RTP is...

- A tool to help our region meet performance goals
 - Mobility
 - Accessibility
 - Reliability
 - Safety

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Why Update The RTP?

- **Address changes in:**
 - **Growth forecasts**
 - **Escalating project costs**
 - **Project scopes/priorities**
 - **Funding and financing**
 - **Mandates(SAFETEA-LU)**
 - **Air Quality Plans**



Regional Challenges

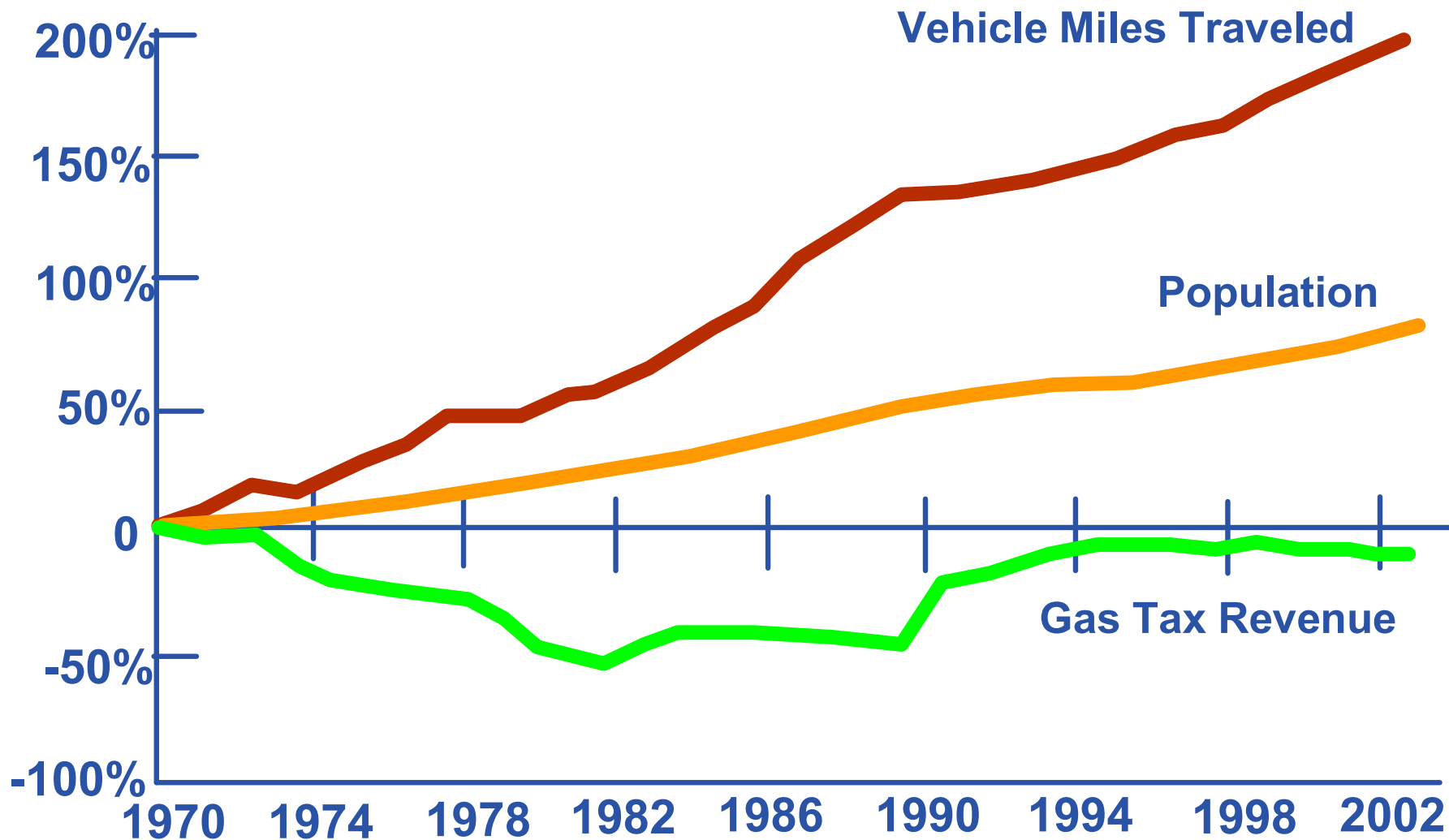


Congestion

Most congested region in America for the last two decades

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Growth in Vehicle Miles Traveled Greatly Exceeds Population Growth



Statewide Totals – Caltrans – USDept of Labor

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Air Quality

PM2.5

Annual Standard

2014 Attainment Date
50 t/day NOx shortfall
No black box allowed

New 24-hour Standard

2012 SIP Submittal (Est.)
2019 Attainment Date (Est.)
Further Reductions Req.

8-Hour Ozone

8-Hour Ozone

2023 Attainment Date
180 t/day NOx black box

Standard Under Review

Possible Tightening



Tremendous Growth in our region

18 million people today...

24 million by 2035

will lead to...

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Millions of Air Passengers

	<u>2006</u>	<u>2035</u>
Bob Hope	5.7	9.4
John Wayne	9.6	10.8
LAX	61.0	78.0
Long Beach	2.7	3.2
Ontario	7.0	31.6
Palm Springs	1.5	4.1
Palmdale	0.1	2.6
San Bernardino	<u>0.0</u>	<u>2.9</u>
	87.6	142.6



**63%
Increase**



2035 figures shown here reflect the
constrained scenario without Maglev.

**More
Port
Traffic**

14.2

20.2

36.2

42.5

2005

2010

2020

2030

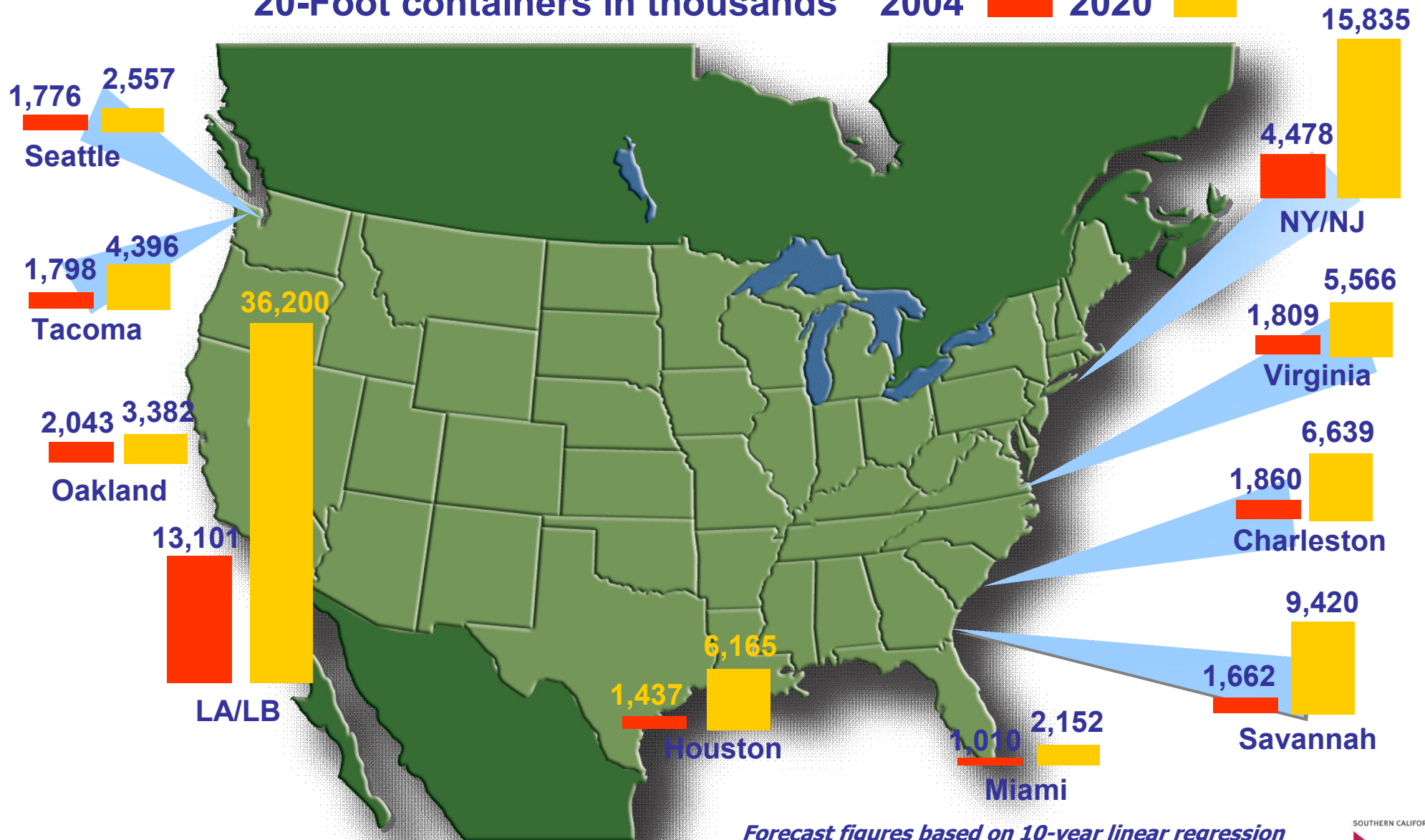
In Million TEUs

Source: POLA, POLB

**Total LA/Long Beach Container Growth
Projected to Triple in 25 Years**

Ports Handle 40% of Nation's Trade

20-Foot containers in thousands 2004 2020



Forecast figures based on 10-year linear regression

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Increased Transit Demand

There has been 20% growth in daily regional transit trips since 2000

Despite this improved trend, regional transit faces increasing passenger demand and the need to operate, maintain and build new service with limited financial resources



Increased Need to accommodate for Non-Motorized Users

Regional goals:

**Increase accommodation and
planning for bike and
pedestrians**

**Increase bike and pedestrian
use**

**Decrease injuries and fatalities
to bicyclists and pedestrians**

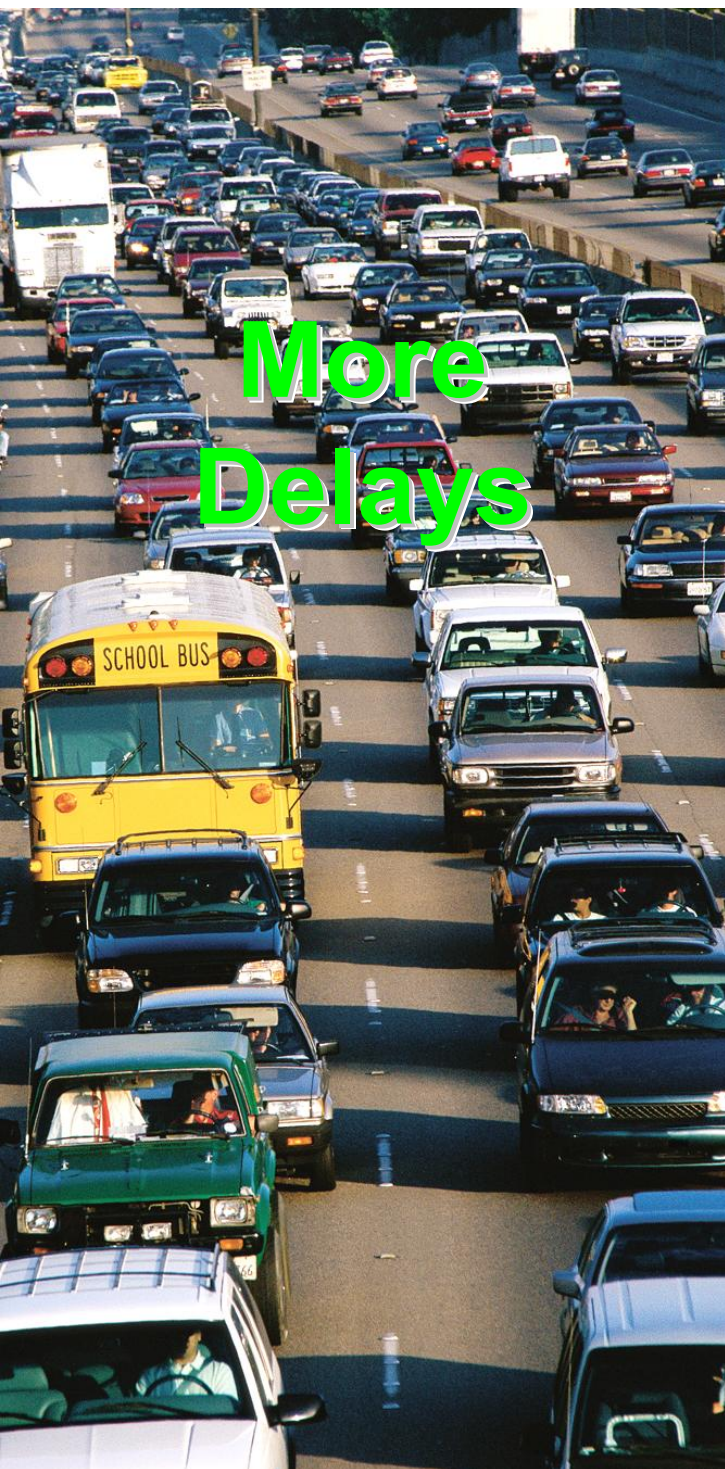
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Average Daily Speed

	<u>2003</u>	<u>2035 Baseline</u>	<u>Baseline & Committed</u>
Imperial	48	45	44
Los Angeles	27	26	26
Orange	31	29	29
Riverside	40	30	32
San Bernardino	39	32	35
Ventura	<u>36</u>	<u>32</u>	<u>32</u>
SCAG REGION	31	28	29



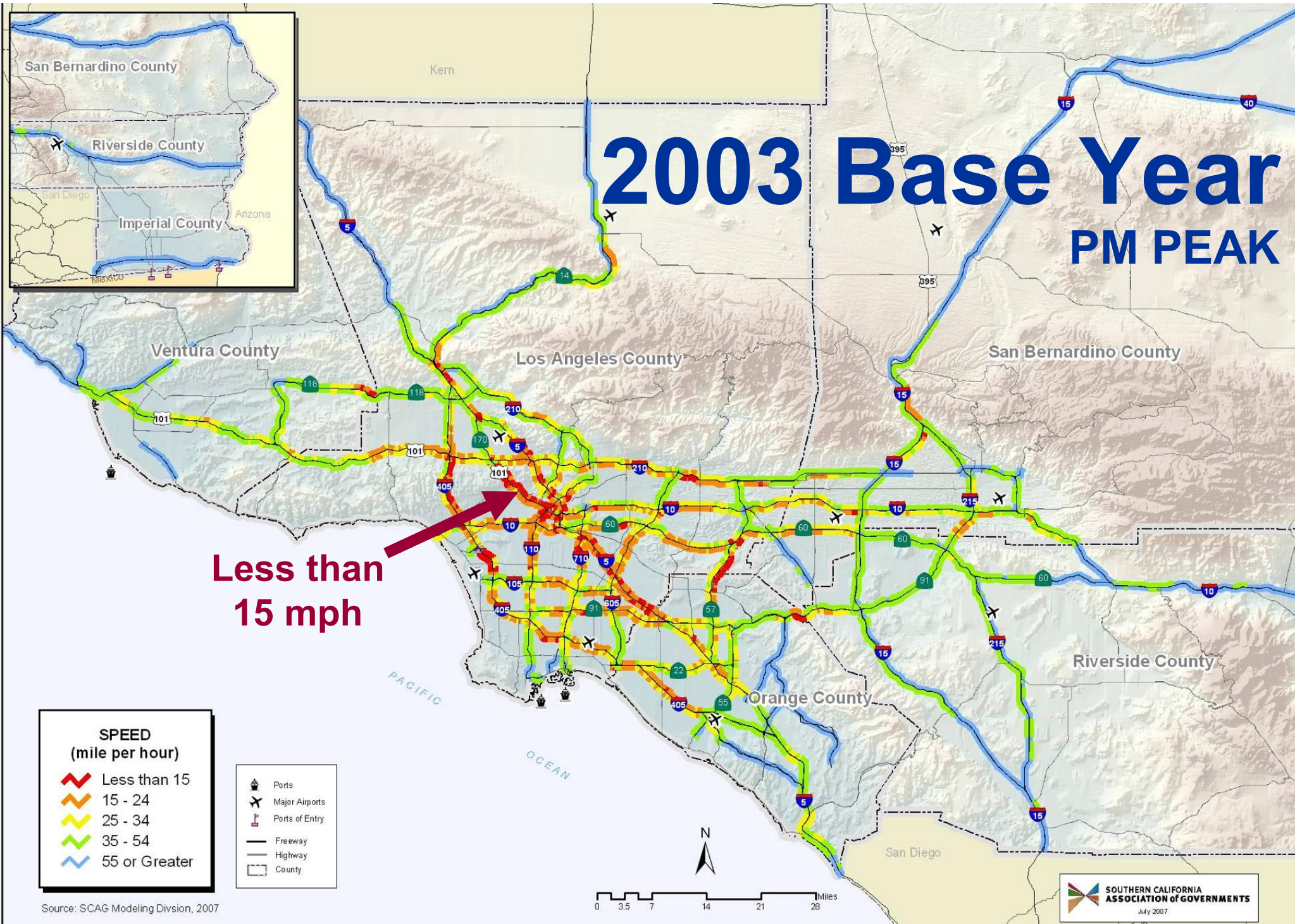
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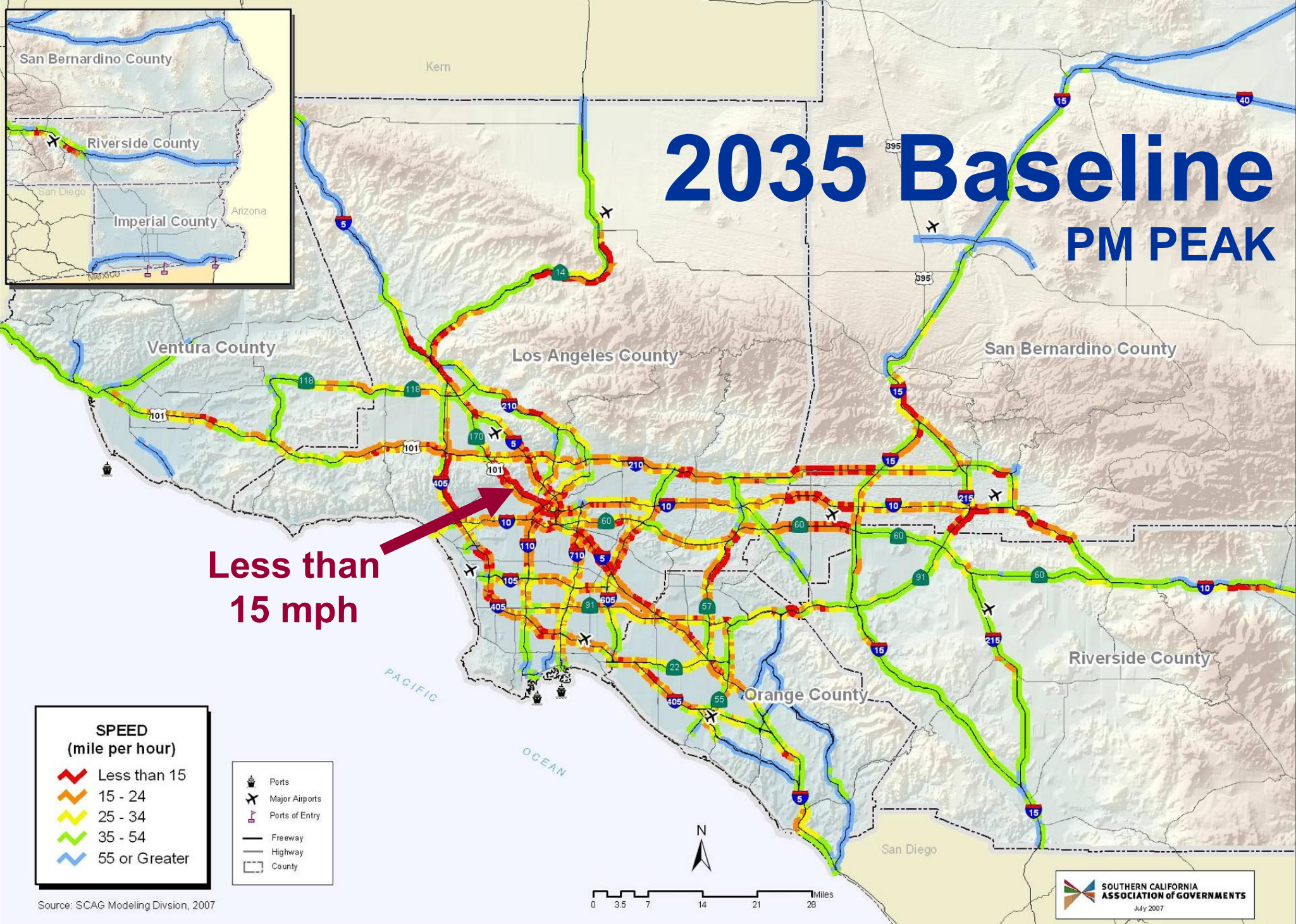
Average Daily Delay per Capita (in minutes)

	<u>2003</u>	<u>2035 Baseline</u>	<u>Baseline & Committed</u>
Imperial	3.9	8.2	8.3
Los Angeles	23.3	28.0	27.6
Orange	18.0	23.2	23.2
Riverside	10.4	26.1	22.2
San Bernardino	12.7	29.5	22.2
Ventura	<u>12.0</u>	<u>16.9</u>	<u>17.1</u>
SCAG REGION	19.3	26.4	24.7

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2035 Baseline + Committed PM PEAK

Less than
15 mph



Source: SCAG Modeling Division, 2007

0 3.5 7 14 21 28 Miles

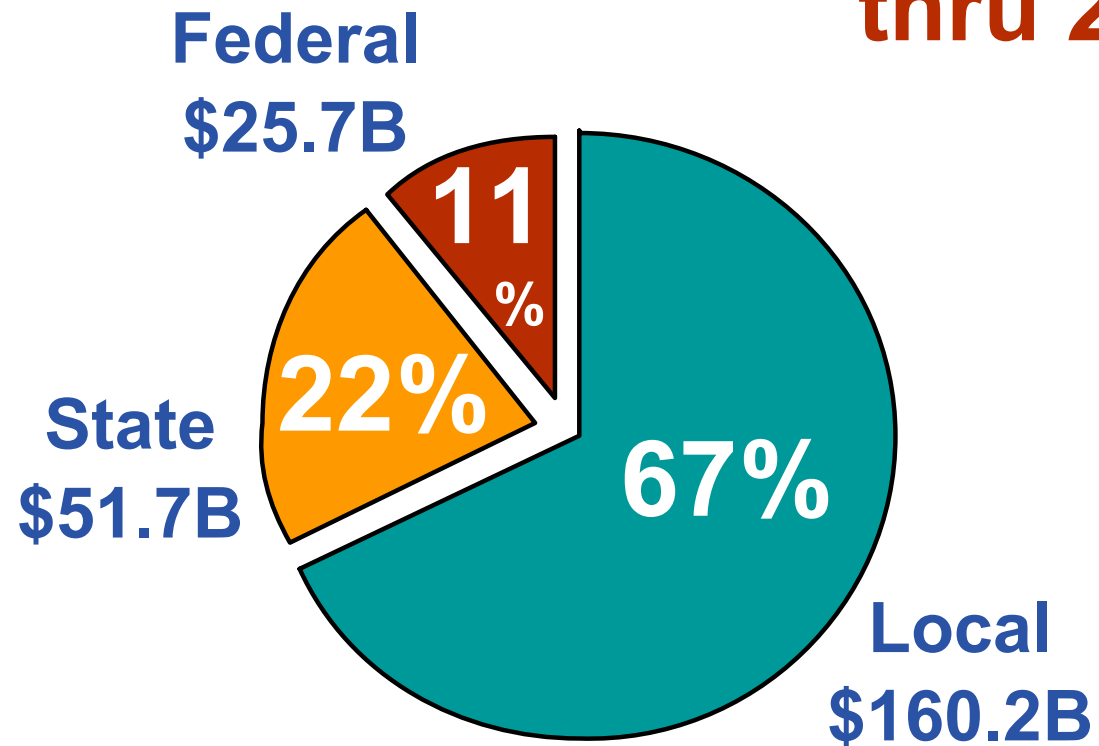


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Financial Challenges

Projected Revenue

**\$238 Billion
thru 2035**



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A stack of gold coins is shown on the left side of the slide, resting on a document that features a line graph. The coins are stacked vertically, with the top coin clearly visible. The background of the slide is white.

Projected Costs

**\$239 Billion
thru 2035**

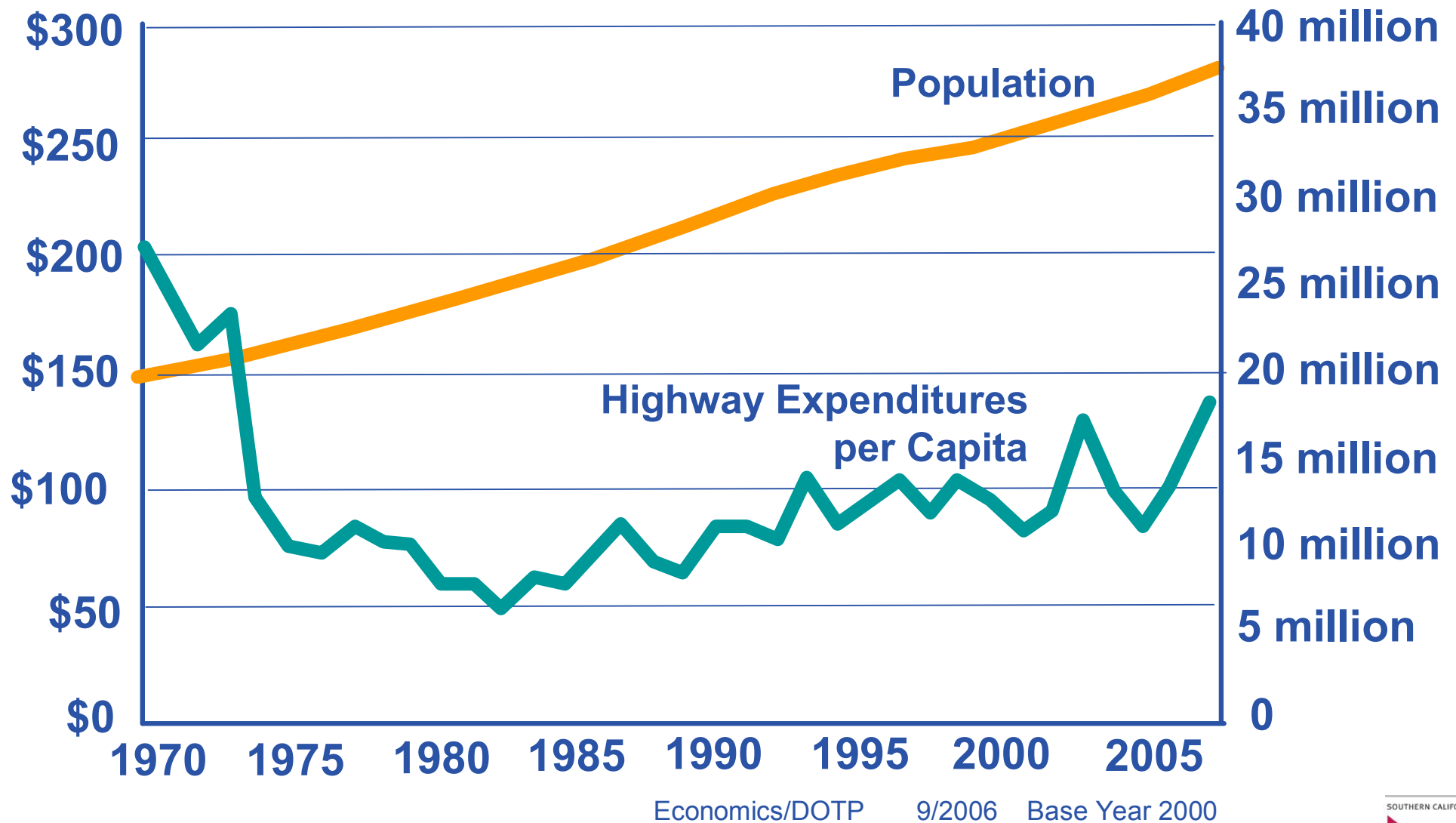
Transit, Highway & Debt Service

**Compiled from County LRP's
and CTC input through 2030**

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History of Preservation Underfunding

California 1970 - 2005



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Financial Challenges

- **The RTP's assumptions for project financing must be backed up with detailed funding plans to demonstrate fiscal constraint and regional consensus (i.e. commitment)**



Financial Challenges

- **To date, our analyses suggest that many of the regional transportation projects cannot be fully funded without significant public sector financial contributions**



Unfunded Needs

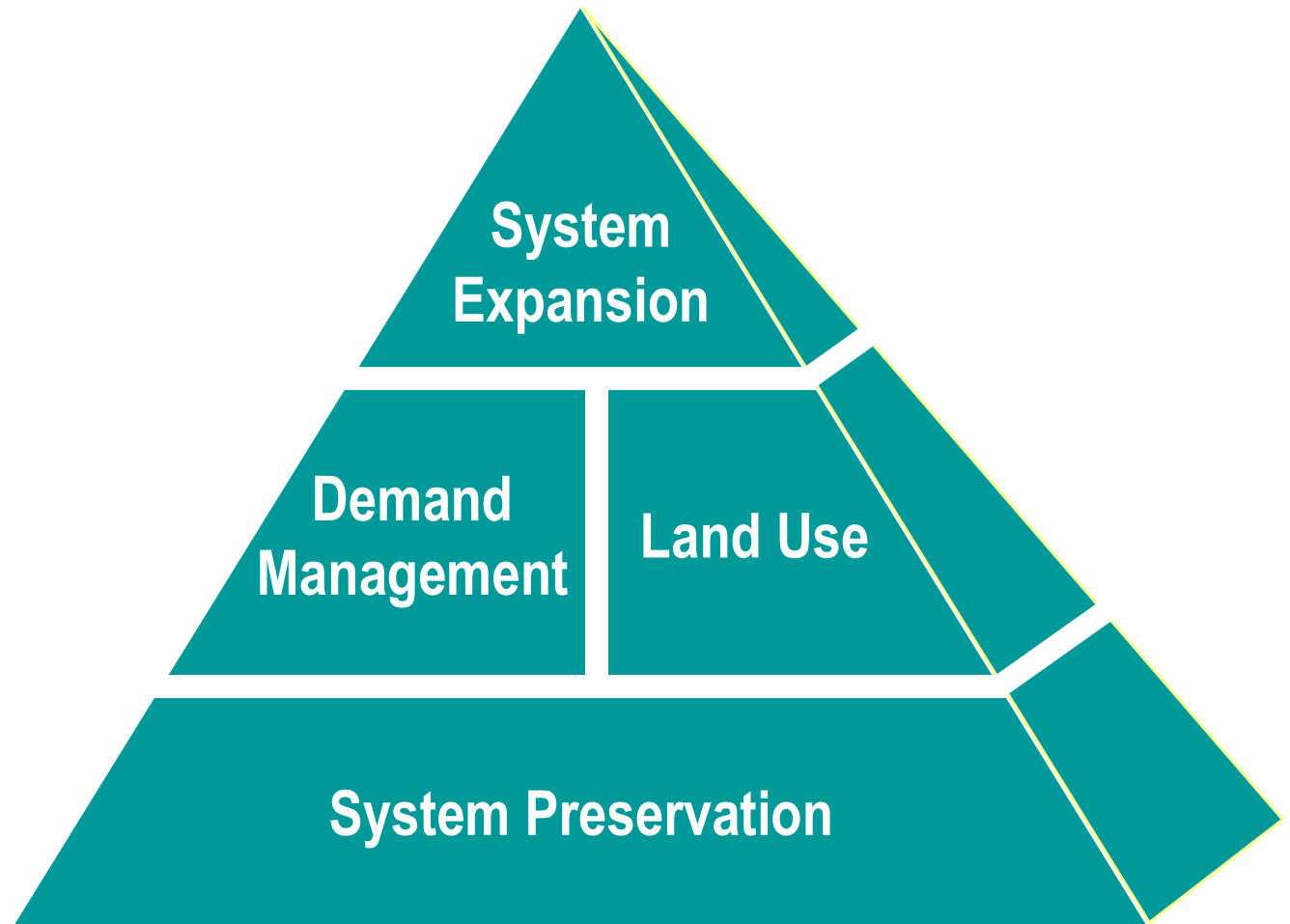
- **Roadway Preservation and Operations**
- **Transit expansion**
- **Goods Movement Related Issues**
- **High-Speed Regional Transport**



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Looking Ahead

Project Priorities



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Maximize...

System Preservation

- Consider allocating maximum funding for preserving existing system
- Ensure preservation costs are adequately reflected in new projects



Maximize...

System Efficiency

- **Encourage Transportation Demand Management**
- **Emphasize Transportation System Management**

The Strategy



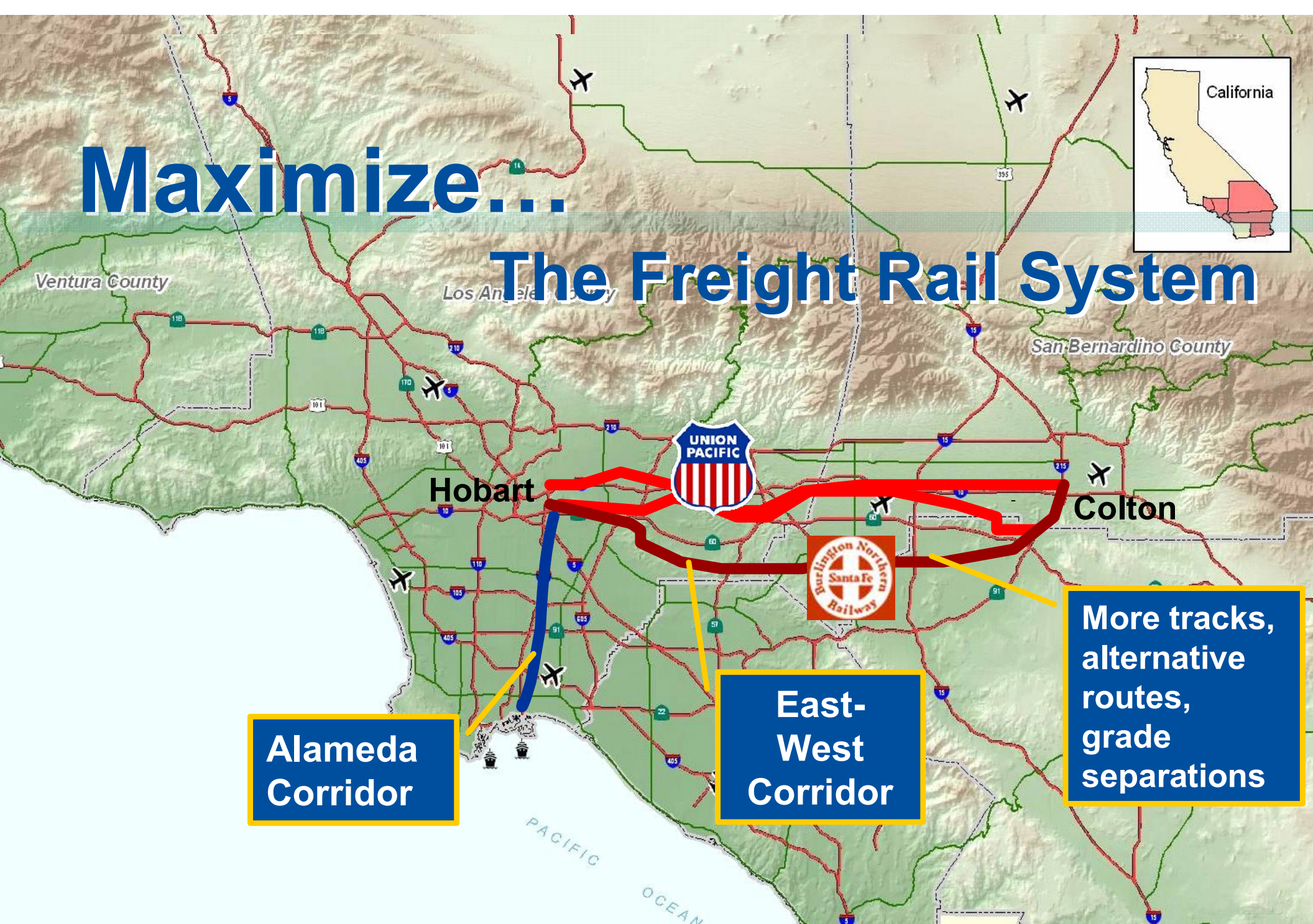
Concentrate new development along existing and planned transportation corridors, regional centers and employment centers

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Maximize...

The Freight Rail System



Alameda Corridor

East-West Corridor

**More tracks,
alternative
routes,
grade
separations**

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A map of Southern California showing the flight path of the 1967 Pan Am flight 73. The path is marked with a red line and a red airplane icon. The path starts in San Bernardino County, flies through Riverside County, and ends in Imperial County. The map also shows San Diego, Arizona, and Mexico.



**SOUTHERN CALIFORNIA
ASSOCIATION of GOVERNMENTS**
September 2007

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What's Next?

- **DATE:** October 3, 2007
LOCATION: SCAG Office in LA
THEME: Goods Movement (part 2)
- **DATE:** October 4, 2007
LOCATION: SCAG Office in LA
THEME: Corridors, Regional Comprehensive Plan

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What's Next?

- **DATE:** October 11, 2007
- LOCATION:** SCAG Office in LA
- THEME:** Transportation Finance
- **DATE:** October 18, 2007
- LOCATION:** Ontario Convention Center
- THEME:** Aviation, High-Speed Regional Transport, Land Use and Transit

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What's Next?

- **DATE:** October 25, 2007
- LOCATION:** OCTA Office in Orange
- THEME:** Final Wrap-Up before the RTP Draft is released for comment

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What's Next?

- **Draft Plan Release: Nov. 2007**
- **Final Plan Release: Feb. 2008**

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Get Involved

Visit the RTP website at:

<http://scag.ca.gov/rtp2008>

- For updates
 - To request a presentation
- To take SCAG's transportation survey
- To submit a comment

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